CLAIMS

1. A network system for preventing recurrence of a duplicate system outage, comprising:

a server coupled to a network bus;

an operating system executing on said server; said operating system including components comprising:

an ABEND processing section;

a logon authorization section; and

a command processing section;

a data storage device operably connected to said server;

a persistent storage area included in said data storage device, said persistent storage area including:

user ID files including user account records associated with users of said network system, said user account records storing user IDs;

an exemption list;

an offending user ID field; and

modifying modules associated with said operating system; and

at least one workstation operably coupled to said network bus;

wherein upon an outage occurrence, said modifying modules cause said operating system to determine a user ID responsible for said outage occurrence, selectively lock out a

workstation associated with said user ID, and upon system resolution, reinstate access to

said user ID.

2. The system of claim 1, wherein said user account records include fields, comprising:

a user ID field;

authentication field; and

privilege data field.

3. The system of claim 1, wherein said exemption list includes user IDs of network system users exempt from being locked out of said network system.

4. The system of claim 1, wherein said offending user ID field stores said user ID responsible for causing said outage occurrence.

5. The system of claim 1, wherein said modifying modules include an instruction for recording said user ID responsible for causing said outage occurrence in said offending user ID field, said instruction supplementing instructions provided in said ABEND processing section of said operating system.

6. The system of claim 1, wherein said modifying modules include an instruction for comparing a user ID requesting re-entry to said network system with a user ID stored in said offending user ID field.

7. A method for preventing recurrence of a system outage in a computer network environment, comprising:

determining a user ID of a workstation responsible for causing an outage occurrence;

recording said user ID in an offending user ID field located in a persistent storage area in memory;

upon recovery of said system, receiving a request to regain access by a user at a workstation;

comparing a user ID of said user with user IDs stored in a user ID file; and

based upon results of said comparing:

if no match is found, denying said user access to said system;

if a match is found, performing a second comparison between said user ID of said user and said user ID in said offending user ID field; and

based upon results of said second comparison:

if no match is found, permitting said user access to said system;

if a match is found, performing a third comparison between said user ID of said user and an exemption list, said exemption list including at least one user ID of a user exempt from being denied access to said system; and

based upon results of said third comparison:

if a match is found, permitting said user access to said system; and

if no match is found, transmitting a message to said user and

denying access to said system.

8. The method of claim 7, further comprising:

providing a fix to said system; and

resetting said offending user ID field to permit future access to said user ID

responsible for causing said outage occurrence.

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9. The method of claim 7, wherein said determining a user ID of a workstation

responsible for causing an outage occurrence and said recording said user ID in an

offending user ID field is accomplished by a modifying module associated with an

operating system executing on said system.

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10. A storage medium encoded with machine-readable computer program code for preventing recurrence of a system outage in a computer network, the storage medium including instructions for causing the computer network to implement a method comprising:

determining a user ID of a workstation responsible for causing an outage occurrence;

recording said user ID in an offending user ID field located in a persistent storage area in memory;

upon recovery of said system, receiving a request to regain access by a user at a workstation;

comparing a user ID of said user with user IDs stored in a user ID file; and

based upon results of said comparing:

if no match is found, denying said user access to said system;

if a match is found, performing a second comparison between said user ID of said user and said user ID in said offending user ID field; and

based upon results of said second comparison:

if no match is found, permitting said user access to said system;

if a match is found, performing a third comparison between said user ID of said user and an exemption list, said exemption list including at least one user ID of a user exempt from being denied access to said system; and

based upon results of said third comparison:

if a match is found, permitting said user access to said

system; and

if no match is found, transmitting a message to said user and

denying access to said system.

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11. The storage medium of claim 10, further comprising instruction for causing said network system to implement:

providing a fix to said system; and

resetting said offending user ID field to permit future access to said user ID

5   responsible for causing said outage occurrence.

12. The storage medium of claim 10, wherein said determining a user ID of a workstation responsible for causing an outage occurrence and said recording said user ID in an offending user ID field is accomplished by a modifying module associated with an

10   operating system executing on said system.